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JCOB R&D PET/PTO 13 SEP 2001

NIP-247

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

S. KANNO et al

Serial No.

Filed: September 13, 2001

For: PROCESS AND APPARATUS FOR THE DECOMPOSITION  
OF FLUORINE COMPOUNDS

**PRELIMINARY AMENDMENT**

Commissioner of Patents  
Washington, D.C.

Sir:

Prior to examination, please amend the above-identified  
application as follows.

**IN THE CLAIMS**

Rewrite claims 5, 7-10 and 16-18 as follows.

5. (Amended) A process for the decomposition of fluorine  
compounds as claimed in claim 1, wherein said a catalyst for  
the decomposition oft least one of CO, SO<sub>2</sub>F<sub>2</sub> or N<sub>2</sub>O contains at  
least one selected from Pd, Pt, Cu, Mn, Fe, Co, Rh, Ir and Au  
in the form of a metal or an oxide.

7. (Amended) A process for the decomposition of fluorine  
compounds as claimed in claim 1, wherein said a catalyst for  
the decomposition oft least one of CO, SO<sub>2</sub>F<sub>2</sub> or N<sub>2</sub>O is selected  
from a catalyst of Pd and La carried on alumina, a catalyst of

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